

Form C-104  
Rev. 09/2008

**VALUE ENGINEERING CHANGE PROPOSAL**  
**MISSOURI DEPARTMENT OF TRANSPORTATION**

Date 3/23/2009

Contract ID 080919-603

Job No. J6I2059

County St. Charles

Original Bid Cost \$604,438.29

Contractor Gerstner Electric, Inc

By Steve Gerstner

Designed By \_\_\_\_\_

Phone 636-349-5999

VECP# 09-16 (to be completed by C.O.)

VECP ☒ or VECF/PDU ☐

1. Description of existing requirements and proposed change(s). Advantages/Disadvantages  
Replace all wireless interconnect links on the project (except on Rte A, Rte M and link to Woodlawn/I-70 SOR) with fiber optics by utilizing the existing spare conduit that was installed on J6I1735.

2. Estimate of reduction in construction costs. \$50,000

3. Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.  
Increase reliability of the system.

4. Anticipated date for submittal of detailed change(s) of items required by Section 104.6 of the Specifications.

4/1/09

(date)

5. Deadline for issuing a change order to obtain maximum cost reduction, noting the effect of contract completion time or delivery schedule.

4/15/09

(date)

Delay in ordering materials and thus a possible delay in completion

(effect)

6. Dates of any previous or concurrent submission of the same proposal.

N/A

(date and/or dates)

## Additional Comments:

\*\* Portion Below This Line To Be Filled Out by MoDOT \*\*

Comments: I Recommend approval of U.E. P.M. Traffic.  
 Jeff City have been contacted and in agree on Concept  
 Need final plans sheet & Cost Break Down from  
 sub contractor.

  
 Submitted By Resident Engineer


4/1/09  
 Date

## Comments:

UTILIZING EXISTING CONDUIT. GOOD IDEA!

☒ Approval  
 Recommended

☐ Rejection  
 Recommended

  
 District Engineer

4-2-09  
 Date

## Comments:

This is not a Federal Oversight project.

☐ Approval  
 Recommended

☐ Rejection  
 Recommended

Federal Highway Administration  
 Required for FHWA Full Oversight Projects

Date

## Comments:

This is approved based on the district's recommendation, and assuming the district has confirmed that the existing conduit is suitable for this purpose, and was not reserved for some other pending purpose. Denis Glascock. 4/3/2009

☒ Approval

☐ Rejection

  
 State Construction and Materials Engineer

4-7-09  
 Date

Distribution: Resident Engineer, Project Manager, District Construction & Materials Engineer, State Construction & Materials Engineer,  
 Value Engineering Administrator - MoDOT, P. O. Box 270, Jefferson City, MO 65102

Tyson W King/D6/MODOT  
03/23/2009 11:46 AM

To: John C Lewis/D6/MODOT@MODOT  
cc: Christopher A Mabrey/D6/MODOT@MODOT, Christopher P  
Griggs/D6/MODOT@MODOT, Davar  
Divanbeigi/D6/MODOT@MODOT  
bcc:  
Subject: Re: Fw: J6I2059 VE proposal

I would not be opposed to this change, but I would request contractor-furnished plan and communication sheets showing exactly how this will affect how the network will be changed from the original plans.

Tyson King, P.E.  
Missouri Dept. of Transportation - District 6  
Traffic Engineering Specialist - ITS  
Office: 314-340-4551  
Mobile: 314-568-6529  
Fax: 314-340-4509  
gatewayguide.com

John C Lewis/D6/MODOT

John C Lewis/D6/MODOT  
03/23/2009 08:51 AM

To: Christopher A Mabrey/D6/MODOT@MODOT, Davar  
Divanbeigi/D6/MODOT@MODOT, Christopher P  
Griggs/D6/MODOT@MODOT, Tyson W  
King/D6/MODOT@MODOT  
cc:  
Subject: Fw: J6I2059 VE proposal

Hey Guys

Would you please review Gerstner's Value Engineering Proposal and give me your input. I would like to have an answer for them by the end of the week.

Thanks  
John

— Forwarded by John C Lewis/D6/MODOT on 03/23/2009 08:45 AM —



"Steve Truemper"  
<struemper@gerstnerelec.com>  
03/23/2009 08:43 AM

To: <John.Lewis@modot.mo.gov>  
cc: "Steve Gerstner" <sgerstner@gerstnerelec.com>, "Tom  
Dieckmann" <tdieckman@gerstnerelec.com>  
Subject: J6I2059 VE proposal



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Davar Divanbeigi /D6/MODOT  
03/23/2009 11:55 AM

To John C Lewis/D6/MODOT@MODOT  
cc Christopher A Mabrey/D6/MODOT@MODOT, Christopher P  
Griggs/D6/MODOT@MODOT, Tyson W  
King/D6/MODOT@MODOT, Jennifer L  
bcc

Subject Re: Fw: J6I2059 VE proposal

I am also not opposed to the GEI proposal but concur with Tyson's comments regarding the contractor shall notify MoDOT (specially the Gateway Guide Group) on how their proposal will affect the network & communication plans.

Davar Divanbeigi, P.E.  
Transportation Project Manager  
Missouri Department of Transportation (MoDOT)  
1590 Woodlake Drive  
Chesterfield, MO 63017  
Ph: 314-340-4570  
Fax: 314-340-4172  
Cell: 314-565-4570  
Email: davar.divanbeigi@modot.mo.gov

Our mission is to provide a world-class transportation experience that delights our customers and promotes a prosperous Missouri.  
Tyson W King/D6/MODOT

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03/23/2009 11:46 AM

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cc "Steve Gerstner" <sgerstner@gerstnerelc.com>, "Tom Dieckmann" <tdieckman@gerstnerelc.com>

Subject J6I2059 VE proposal



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# VALUE ENGINEERING CHECK SHEET

## TYPE OF WORK

(Check one that applies)

- ☐ Bridge/Structure/Footings
- ☐ Drainage Structures (RCP, RCB, CMP's, ect.)
- ☐ TCP/MOT
- ☐ Paving (PCCP, ect.)
- ☐ Grading/MSE Walls
- ☒ Signal/Lighting/ITS
- ☐ Misc. \_\_\_\_\_

## SUMMARY OF PROPOSAL

(If needed, condense summary to a couple of lines)

Use existing conduit in place for new fiber-optic cable.

## SCANNING OF DOCUMENT

If the proposal is large, please mark or make note, which pages need to be scanned into the database. If there are special instructions, make note of them here.